

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PC515EC	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/007889 ✓	International filing date (<i>day/month/year</i>) 15/07/2004 ✓	(Earliest) Priority Date (<i>day/month/year</i>) 17/07/2003 ✓
Applicant ZSCHIMMER & SCHWARZ ITALIANA S.P.A. ✓		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant. ✓

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant. ✓

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007889

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K7/06 A61K7/48 A61K7/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 843 407 A (LEATHERBURY NEIL CAMPBELL ET AL) 1 December 1998 (1998-12-01) column 1, line 56 - column 2, line 11 column 5, line 6 - line 14 column 7, line 40 - column 8, line 13 column 11, line 31 - line 51 column 12, line 34 - line 38 column 16, line 16 - line 18 examples VII, VIII	1-10
Y	WO 98/09611 A (SEPPIC SA) 12 March 1998 (1998-03-12) page 1, line 4 - line 32 page 3, line 1 - line 26 page 4, line 15 - line 29 examples	1-10

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

24 November 2004

Date of mailing of the international search report

15/12/2004

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/007889

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>WO 03/039496 A (ARIOTTO ANGELO ; GUALA FABRIZIO (IT); VILLA GIOVANNI (IT); MERLO ELISA) 15 May 2003 (2003-05-15) page 2, line 5 - line 25 page 4, line 15 - page 5, line 8 page 7, line 32 - page 8, line 30 examples</p> <p>-----</p>	1-10
Y	<p>WO 98/29094 A (UCHIYAMA HIROTAKA ; HU FANG (JP); HARADA KIROH (JP); SAKO TAKASHI (JP)) 9 July 1998 (1998-07-09) page 2, line 15 - line 36 page 3, line 14 - page 5, line 22 examples</p> <p>-----</p>	1-10
Y	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04, 31 August 2000 (2000-08-31) & JP 2000 007537 A (ASAHI CHEM IND CO LTD), 11 January 2000 (2000-01-11) abstract</p> <p>-----</p>	1-10
Y	<p>PATENT ABSTRACTS OF JAPAN vol. 0134, no. 02 (C-633), 6 September 1989 (1989-09-06) & JP 1 146816 A (LION CORP), 8 June 1989 (1989-06-08) abstract</p> <p>-----</p>	1-10
P, X	<p>US 2003/162687 A1 (YAMAGUCHI YOSHINORI ET AL) 28 August 2003 (2003-08-28) page 1, paragraph 5 - paragraph 7 page 1, paragraph 8 - page 2, paragraph 9 page 2, paragraph 16 examples</p> <p>-----</p>	1-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/007889

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5843407	A	01-12-1998	AU 697809 B2	15-10-1998
			AU 8014994 A	08-05-1995
			CA 2173104 A1	27-04-1995
			CN 1135171 A , B	06-11-1996
			CZ 9601107 A3	14-08-1996
			DE 69426887 D1	19-04-2001
			DE 69426887 T2	04-10-2001
			EP 0725620 A1	14-08-1996
			ES 2155097 T3	01-05-2001
			JP 9503785 T	15-04-1997
			JP 3338057 B2	28-10-2002
			WO 9511000 A1	27-04-1995
			EP 0950392 A1	20-10-1999
WO 9809611	A	12-03-1998	FR 2753096 A1	13-03-1998
			EP 0925058 A1	30-06-1999
			WO 9809611 A1	12-03-1998
			JP 2000517335 T	26-12-2000
WO 03039496	A	15-05-2003	IT T020011053 A1	07-05-2003
			WO 03039496 A1	15-05-2003
			EP 1446092 A1	18-08-2004
WO 9829094	A	09-07-1998	WO 9829094 A1	09-07-1998
			AU 1296597 A	31-07-1998
			BR 9612850 A	28-02-2001
			CA 2274849 A1	09-07-1998
			EP 0948315 A1	13-10-1999
			JP 2000505099 T	25-04-2000
			US 6284230 B1	04-09-2001
JP 2000007537	A	11-01-2000	NONE	
JP 1146816	A	08-06-1989	JP 2609644 B2	14-05-1997
US 2003162687	A1	28-08-2003	FR 2836153 A1	22-08-2003
			JP 2003306696 A	31-10-2003